

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/825,391
Source: 1 fws
Date Processed by STIC: 11/23/04

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/825,391

CRF Edit Date: 11/24/04
Edited by: AS

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

____ Deleted: invalid beginning/end-of-file text ; page numbers

____ Inserted mandatory headings/numeric identifiers, specifically:

____ Moved responses to same line as heading/numeric identifier, specifically:

____ Other:



IFWO

RAW SEQUENCE LISTING

DATE: 11/24/2004

PATENT APPLICATION: US/10/825,391

TIME: 21:21:34

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11242004\J825391.raw

```

5 <110> APPLICANT: Leonard, Joan D.
6      Tully, Robert W.
8 <120> TITLE OF INVENTION: Vaccines for Mycoplasma bovis and Methods of Use
10 <130> FILE REFERENCE: 02108.001U2
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/825,391
C--> 12 <141> CURRENT FILING DATE: 2004-04-14
12 <150> PRIOR APPLICATION NUMBER: 60/164,286
13 <151> PRIOR FILING DATE: 1999-11-08
15 <160> NUMBER OF SEQ ID NOS: 2
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 18
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic
construct
W--> 27 <221> NAME/KEY: misc_feature
28 <222> LOCATION: (0).(0)
29 <223> OTHER INFORMATION: N is deoxyinosine
W--> 31 <400> 1
W--> 32 nnnncgncgn catcnggc          18
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 18
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic
construct
W--> 42 <221> NAME/KEY: misc_feature
43 <222> LOCATION: (0).(0)
44 <223> OTHER INFORMATION: N is deoxyinosine
W--> 46 <400> 2
W--> 47 ncgncttatac nggcctac          18

```

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 11/24/2004

PATENT APPLICATION: US/10/825,391

TIME: 21:21:35

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11242004\J825391.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1,2,3,4,7,10,15

Seq#:2; N Pos. 1,4,11

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/825,391**

DATE: 11/24/2004

TIME: 21:21:35

Input Set : **A:\PTO.AMC.txt**

Output Set: **N:\CRF4\11242004\J825391.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:42 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0



IFWO

RAW SEQUENCE LISTING

DATE: 11/23/2004

PATENT APPLICATION: US/10/825,391

TIME: 12:23:25

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\11232004\J825391.raw

5 <110> APPLICANT: Leonard, Joan D.
 6 Tully, Robert W.
 8 <120> TITLE OF INVENTION: Vaccines for Mycoplasma bovis and Methods of Use
 10 <130> FILE REFERENCE: 02108.001U2
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/825,391
 C--> 12 <141> CURRENT FILING DATE: 2004-04-14
 12 <150> PRIOR APPLICATION NUMBER: 60/164,286
 13 <151> PRIOR FILING DATE: 1999-11-08
 15 <160> NUMBER OF SEQ ID NOS: 2
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 18
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Artificial Sequence
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: Description of Artificial Sequence:/Note = synthetic
 construct
 W--> 42 <221> NAME/KEY: misc feature
 43 <222> LOCATION: (0).(0)
 44 <223> OTHER INFORMATION: N is deoxyinosine
 W--> 46 <400> 2
 W--> 47 ~~ncgncctt~~atc nggcctac 18
 E--> 52 1
 E--> 54 1

Does Not Comply
Corrected Diskette Needed

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/825,391

DATE: 11/23/2004

TIME: 12:23:26

Input Set : A:\PTO.LM.txt

Output Set: N:\CRF4\11232004\J825391.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:27 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:31 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:1
L:32 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:42 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:2
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:52 M:254 E: No. of Bases conflict, this line has no nucleotides.
L:54 M:254 E: No. of Bases conflict, this line has no nucleotides.